

Appendix 4.4.5-D

CRAR Addendum

**ADDENDUM TO THE CULTURAL RESOURCES ASSESSMENT REPORT
FOR THE ALL ABOARD FLORIDA PASSENGER RAIL PROJECT
FROM ORLANDO TO WEST PALM BEACH**

**ORANGE, BREVARD, INDIAN RIVER, ST. LUCIE, MARTIN,
AND PALM BEACH COUNTIES**

Prepared for:
All Aboard Florida Operations – LLC
2855 Le Jeune Road, 4th Floor
Coral Gables, Florida 33134

FINAL REPORT

May 2015

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INTRODUCTION

In 2013, the Cultural Resources Assessment Report (CRAR) of the All Aboard Florida (AAF) Passenger Rail Project (Project) from Orlando to West Palm Beach was undertaken at the request of AAF – Operations LLC by Janus Research of Tampa, Florida. The overall Project proposes implementing a privately owned, operated, and maintained intercity passenger rail service that will connect downtown Miami, Florida to downtown West Palm Beach, Florida with one stop in downtown Fort Lauderdale, Florida with continuing service to Orlando, Florida. To accommodate this, the Project proposes improvements to existing rail line within the existing Florida East Coast (FEC) Railway Corridor Main Line right of way (ROW); addition of new or modified rail within the existing FEC Railway Corridor Main Line ROW; construction of new rail line along the SR 528 transportation corridor; construction of new passenger rail stations in Miami, Fort Lauderdale, West Palm Beach, and Orlando; upgrades to numerous bridges, highway crossings, and pedestrian crossings; addition of new track signal controls at key intersections; and construction of a new vehicle maintenance facility (VMF) near the Orlando station terminus. The objective of the CRAR survey was to identify cultural resources within the area of potential effect (APE) and assess their eligibility for listing in the *National Register of Historic Places* (National Register) according to the criteria set forth in 36 CFR Section 60.4. The State Historic Preservation Officer (SHPO) concurred with the findings of the cultural resource's National Register eligibility in the CRAR in a letter dated November 20, 2013 (Appendix A).

As part of the processes that must be met in compliance with the *National Environmental Policy Act of 1969* (NEPA) (Public Law 91-190) and Section 106 of the *National Historic Preservation Act of 1966* (NHPA) (Public Law 89-665, as amended), as implemented by 36 CFR 800 (*Protection of Historic Properties*), the environmental documents were available to the agencies and public for review and comment. The CRAR and the Draft Environmental Impact Statement (DEIS), which included the cultural resources documentation, were provided for this review and comment period. Based on this input and further cultural resources analysis, additional historic and archaeological resources located within the APE but not included within the 2013 CRAR were identified. Therefore, this addendum documents those additional resources, and also includes updated maps for the entire North-South Corridor from West Palm Beach to Cocoa Beach showing the locations of cultural resources located within the FEC ROW (Direct APE) and the locations of significant historic resources located adjacent to the FEC ROW (Indirect APE) (Appendix B).

RESULTS

As previously discussed, following the completion of the final CRAR document and concurrence by SHPO, additional cultural resources were identified that fall within the APE. This includes three significant historic resources that are either National Register listed or eligible for inclusion in the National Register, and five archaeological resources. The resources are summarized below, and also included on the updated mapping found in Appendix B. The previously recorded FMSF forms are found in Appendix C.

Historic Resources

St. Lucie Village Historic District (8SL76)

The St. Lucie Village Historic District (8SL76) was listed in the National Register in 1989. While parcels adjacent to the FEC ROW currently extend into the district, the district is located over 500 feet outside of the ROW to the east. This historic district is located along Indian River Drive adjacent to Indian River Lagoon and the closest contributing structure is located over 500 feet east of the historic rail line. Based on further examination and local input, St. Lucie Village Historic District (8SL76) is located within the APE. The location of this resource relative to the FEC ROW is shown in Appendix B, Maps 52 and 53.

7901 S Indian River Drive (8SL227)

While located over 500 feet from the FEC ROW, 7901 S Indian River Drive (8SL227) is located within an adjacent parcel, and is therefore located within the APE. This resource was previously determined by the SHPO to be National Register-eligible in 2005. The location of this resource relative to the FEC ROW is shown in Appendix B, Map 60.

5703 S Indian River Drive (8SL231)

While located over 500 feet from the FEC ROW, 5703 S Indian River Drive (8SL231) is located within an adjacent parcel, and is therefore located within the APE. This resource was previously determined by the SHPO to be National Register-eligible in 2005. The location of this resource relative to the FEC ROW is shown in Appendix B, Map 58.

Archaeological Resources

During the 2013 CRAR survey, five previously recorded archaeological sites were identified within the archaeological APE for the North-South Corridor. These included Railroad (8IR846), Hobe Sound National Wildlife Refuge #3 (8MT1287), Ft. Capron (8SL41), Pineapple (8SL1136), and Avenue A-Downtown Fort Pierce (8SL1772). An additional 10 archaeological sites were identified in close proximity to the FEC ROW. These sites were located adjacent to, but outside of, the North-South Corridor APE for archaeological resources. Tables detailing these sites have been excerpted from the 2013 CRAR and are included for reference in Appendix D. Since the CRAR was submitted in 2013, additional information has become available regarding the locations of the Vero Man/Vero Locality (8IR1/8IR9) and an additional site, Fort Pierce (8SL31) relative to the archaeological APE for the North-South Corridor.

Vero Man/Vero Locality (8IR1/8IR9)

When the CRAR was initially submitted in September 2013, the information on file with the FMSF clearly placed Vero Man/Vero Locality (8IR1/8IR9) outside of the archaeological APE, several hundred feet west of the FEC ROW. Since the CRAR was prepared, Mercyhurst University has conducted excavations in a portion of the site, approximately 500 feet to the west of the FEC ROW. In May of 2014, an updated FMSF site form was provided by the leader of these excavations. According to the updated site file:

Site boundaries are imprecisely documented due to local development. Portions of the site are under fill below the FEC Railroad; a packing house lot; and other modern construction. Known site areas are protected but under 3 to 10 feet of fill (Hemmings 2014).

There is no justification for these updated site boundaries provided within the updated site file form, nor is there an associated report on file with the FMSF that provides an explanation or justification for them. In addition, there is no updated site map on file with the FMSF and the FMSF GIS data has not been updated to reflect these enlarged boundaries. The location of the Vero Man/Vero Locality (8IR1/8IR9) currently on file with the FMSF, is illustrated relative to the FEC ROW in Figure 1.

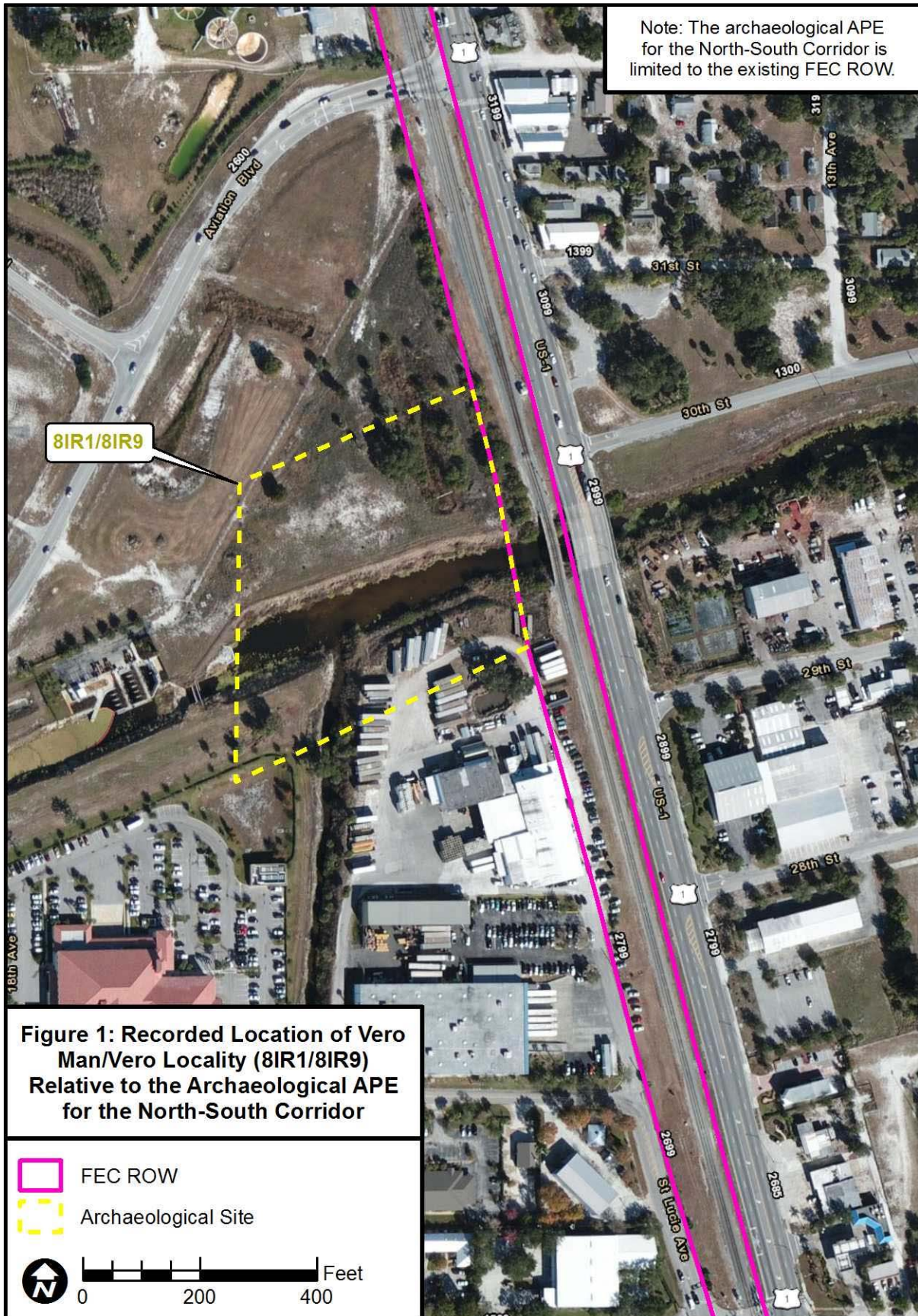
When the CRAR was initially submitted, Vero Man/Vero Locality (8IR1/8IR9) had not yet been evaluated by the SHPO regarding National Register–eligibility. In September of 2014, a year after the CRAR was completed, a Change of Status form was filed by the Florida Division of Historical Resources (DHR) for the Vero site. According to this form, the DHR now considers the site to be eligible for listing in the National Register. However, no other documentation was provided at this time, nor has any additional information about the site been added to the FMSF since this time.

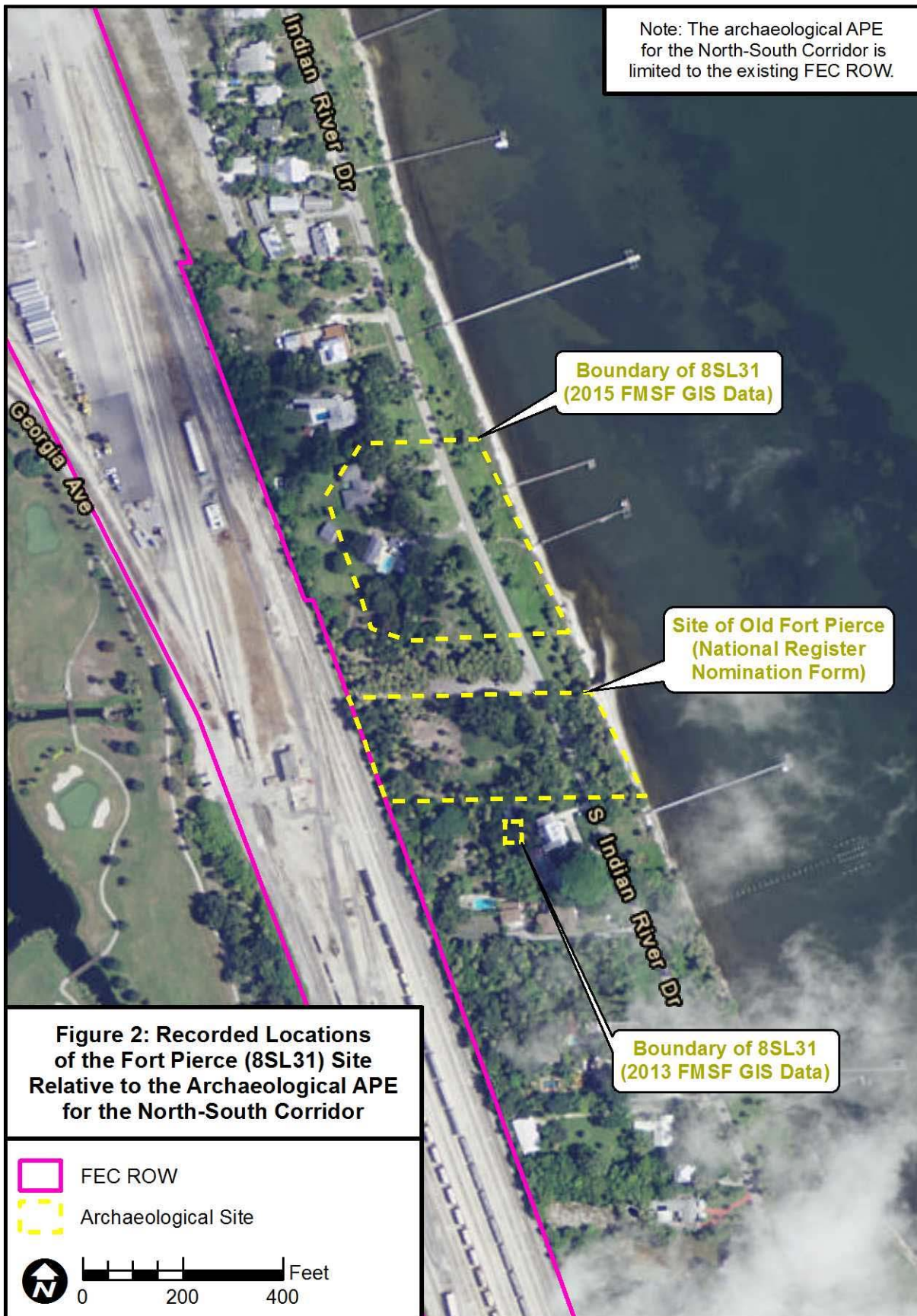
Coring work was conducted previously by Doran and Purdy in 2008 in the vicinity of the site, both to the north and south of the Main Relief Canal and east and west of the Lateral “E” Canal. Their cores demonstrated the presence of a deeply buried fossil bed in this area. They did not recover any human artifacts or remains (Doran et al. 2009). The closest core to the FEC ROW seems to be have been approximately 100 feet west of the ROW.

At the 71st Annual Southeastern Archaeological Conference (SEAC), researchers from Mercyhurst University presented a paper regarding their current investigations at 8IR9 (Hemmings et al. 2014). The paper details the very careful digging that was done in their first season and documented the fossil layer encountered under the fill. The location of their excavation is to the west of the Lateral E Canal, approximately 500 feet west of the FEC ROW.

Fort Pierce (8SL31)

When the CRAR was initially submitted in September 2013, information on file with the FMSF placed the National Register–listed Fort Pierce (8SL31) site outside of the archaeological APE, over 150 feet east of the FEC ROW. The currently plotted location of Fort Pierce (8SL31) site within the 2015 FMSF GIS data shows the site approximately 115 feet to the east of the FEC ROW, over 350 feet north of the previously plotted location. A review of the National Register nomination form places the site of ‘Old Fort Pierce’ adjacent to the FEC ROW, between the FMSF GIS locations. While none of these locations show the site extending into the archaeological APE, the disparity regarding the locations of this site on file with the FMSF suggests there is a potential for the boundaries of this site to extend to the eastern edge of the FEC ROW. The recorded locations of Fort Pierce (8SL31) from the 2013 and 2015 GIS data, as well as the location suggested by the National Register nomination form, are shown relative to the FEC ROW in Figure 2.





REFERENCES

- Doran, Glen H., Grayal Earle Farr, Barbara Purdy, and Thomas W. Stafford
2009 Vero Site Scientific Investigations in 2009. GeoArchaeological and Paleontological
Evaluation of the Vero Man Site, FL (8IR9). Manuscript on file at the Florida
Division of Historical Resources, Tallahassee.
- Hemmings, Andrew C., J.M. Adovasio, A.E. Marjenin, and A. Vega
2014 The Old Vero Man Site (8IR009): Current Investigations Suggest Pleistocene Human
Occupation. Paper presented at the 71st Annual Southeastern Archaeological Conference,
Greenville, South Carolina.

Appendix A:

SHPO Concurrence Letter for the 2013 CRAR, dated November 20, 2013



FLORIDA DEPARTMENT of STATE

RICK SCOTT
Governor

KEN DETZNER
Secretary of State

Mary D. Hassell
US Department of Transportation
Federal Railroad Administration
1200 New Jersey Avenue SE
Washington, D.C. 20590

November 20, 2013

RE: DHR Project File No.: 2013-4404
Received by DHR (electronically): November 13, 2013
Project: *Cultural Resources Assessment Report: All Aboard Florida Passenger Rail
Project from Orlando to West Palm Beach*
Counties: Orange, Brevard, Indian River, St. Lucie, Martin and Palm Beach

Dear Ms. Hassell:

This office received and reviewed the above referenced project in accordance with Section 106 of the National Historic Preservation Act of 1966 as amended, 36 CFR Part 800: Protection of Historic Properties, and Chapter 267, *Florida Statutes*. It is the responsibility of the State Historic Preservation Officer to advise and assist, as appropriate, Federal and State agencies in carrying out their historic preservation responsibilities; to cooperate with agencies to ensure that historic properties are taken into consideration at all levels of planning and development; and to consult with the appropriate agencies in accordance with the National Historic Preservation Act of 1966 as amended, on undertakings that may affect historic properties and the content and sufficiency of any plans developed to protect, manage, or to reduce or mitigate harm to such properties.

This proposed project involves the restoration of passenger rail service between Cocoa Beach to West Palm Beach utilizing the existing Florida East Coast Rail (FECR) right-of-way (ROW) and new rail service from Cocoa Beach to the Orlando International Airport. The Cultural Resources Assessment Report (CRAR) identified resources within 3 segments of the project: The Airport Rail Alignment and Vehicle Maintenance Facility (VMF), the East-West Corridor, and the North-South Corridor. This office concurs with the determinations of eligibility made by the Federal Railroad Administration (FRA) and documented in the CRAR.

This office notes that due to access issues a portion of the new rail line between Cocoa Beach and the Orlando International Airport was not surveyed for cultural resources. This office requests the opportunity to view and comment on the results of the survey for this area when access is granted.



DIVISION OF HISTORICAL RESOURCES
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Commemorating 500 years of Florida history www.fla500.com



Mary D. Hassell
DHR Project File Number: 2013-4404
November 20, 2013
Page 2

Per the agreement made during the meeting between FRA and this office in July 2013 this office will refrain from concurring on the finding of effects until the time when this office has the opportunity to review the Draft Environmental Impact Statement (DEIS).

This office looks forward to further consultation on this project. If you have any questions concerning these comments, please contact Ginny Jones by email at ginny.jones@dos.myflorida.com, or at 850.245.6333 or 800.847.7278.

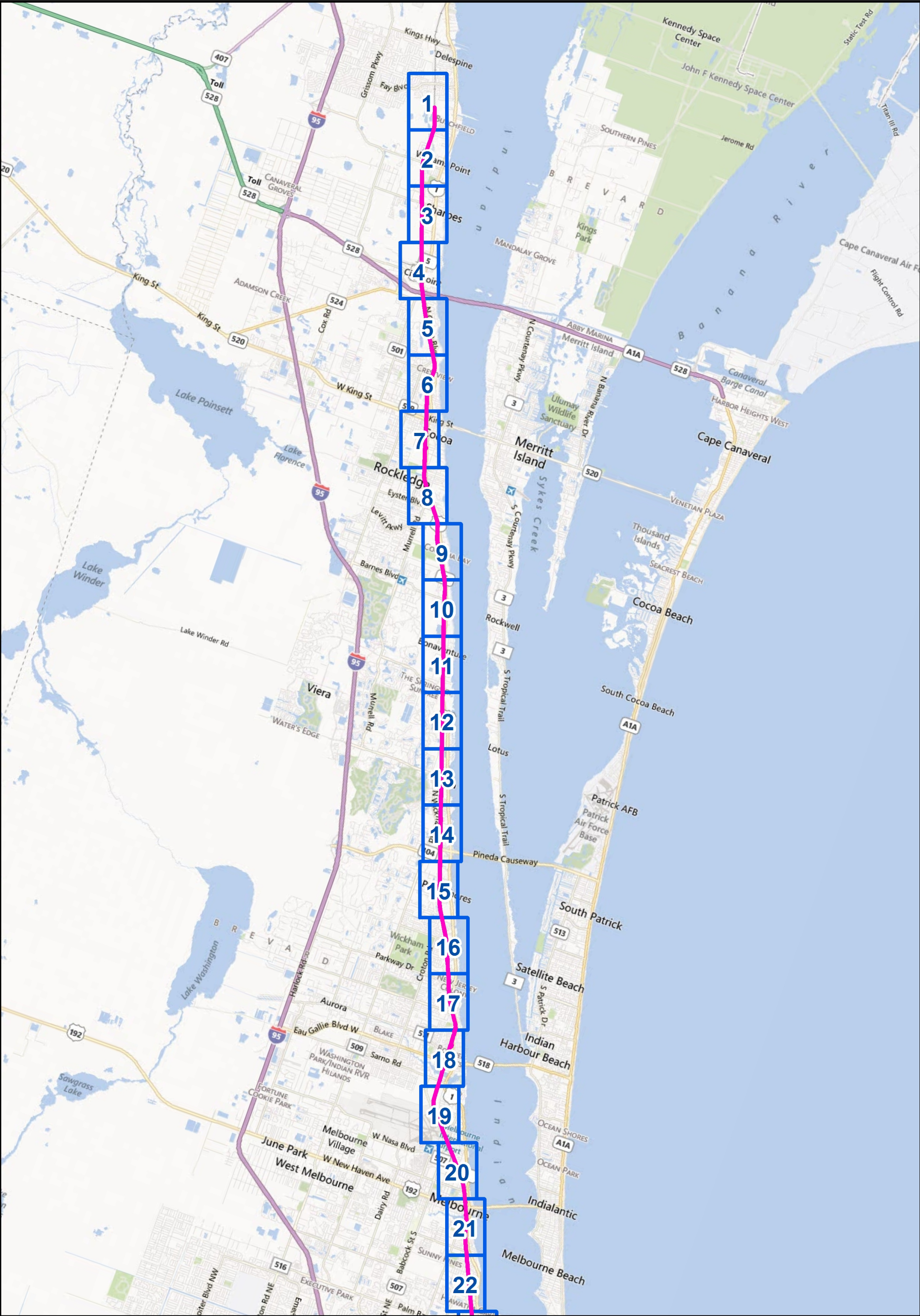
Sincerely,

A handwritten signature in blue ink, appearing to read "Robert F. Bendus", with a stylized flourish at the end.

Robert F. Bendus, Director
Division of Historical Resources
and State Historic Preservation Officer

Appendix B:

Updated Mapping for the North-South Corridor from West Palm Beach to Cocoa Beach Showing the Locations of Cultural Resources Located within the FEC ROW (Direct APE) and the Locations of Significant Historic Resources Located Adjacent to the FEC ROW (Indirect APE)



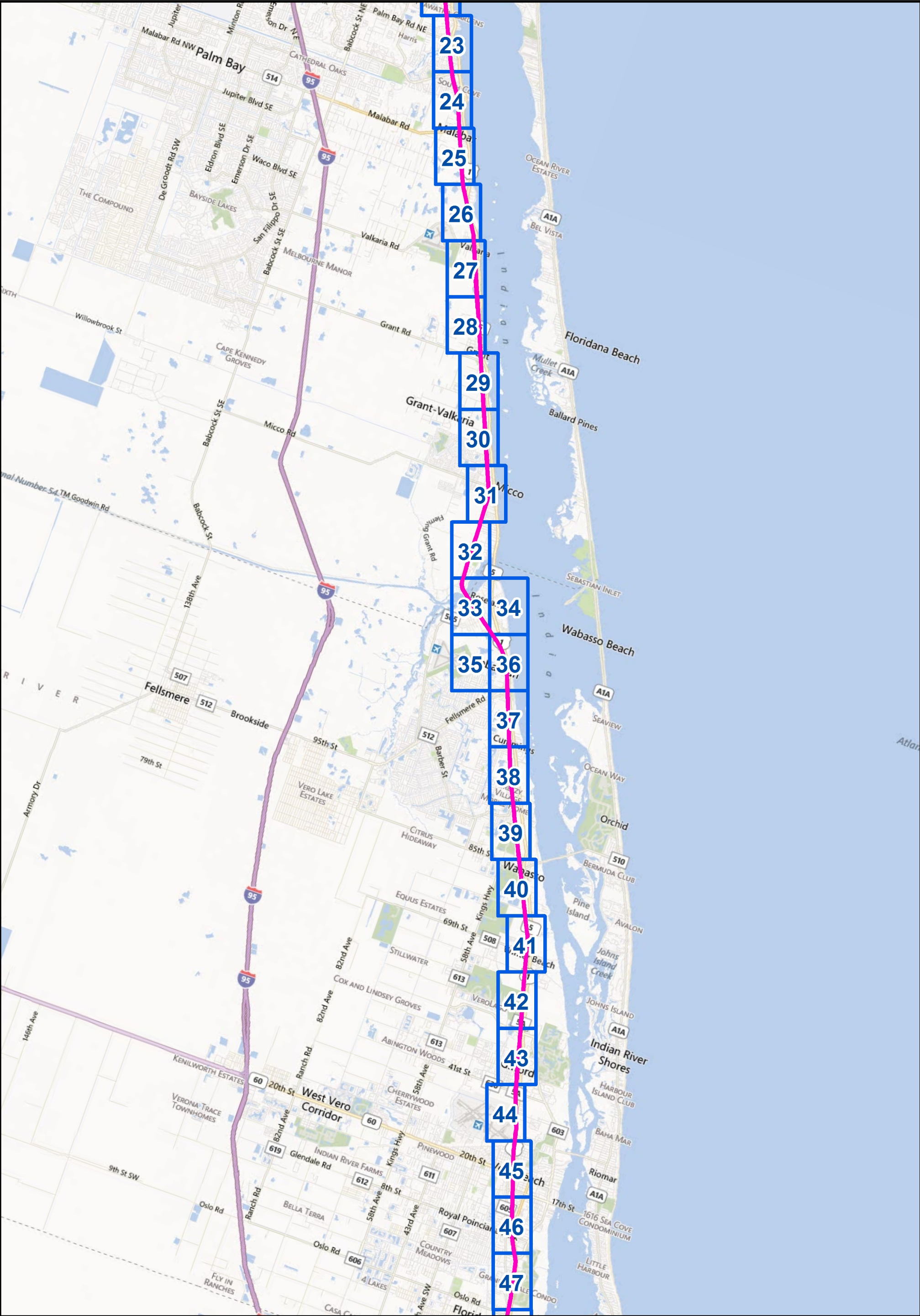
 North-South FEC ROW

 Mapping Frames

Cultural Resources within the FEC ROW
and Significant Historic Resources Adjacent
to the FEC ROW within a Minimum of 150 feet

Overview Map 1 of 4

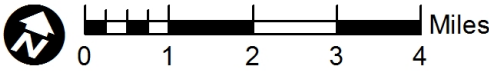


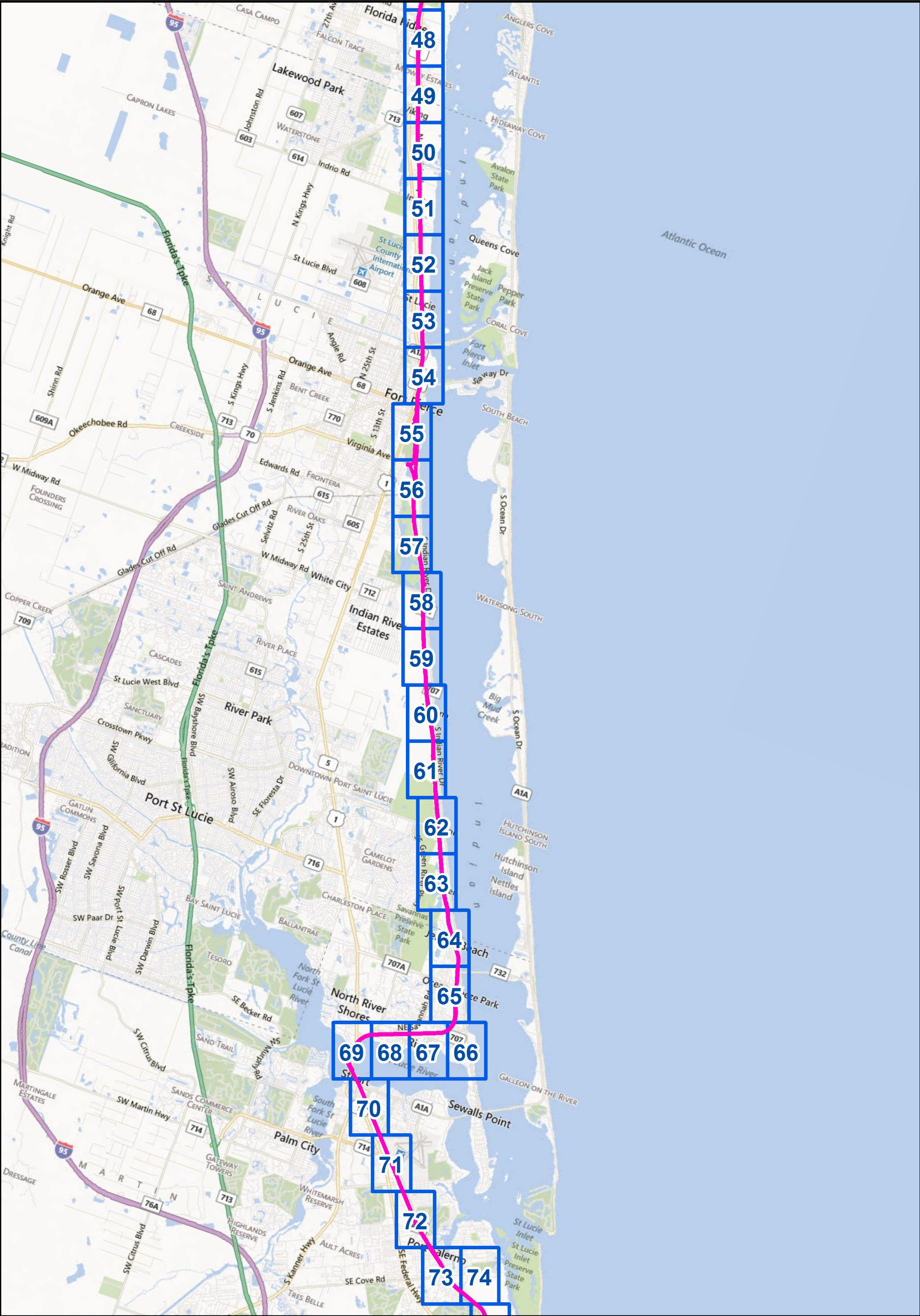


-  North-South FEC ROW
-  Mapping Frames

Cultural Resources within the FEC ROW
and Significant Historic Resources Adjacent
to the FEC ROW within a Minimum of 150 feet

Overview Map 2 of 4

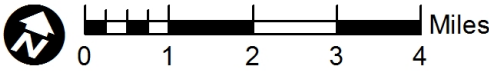


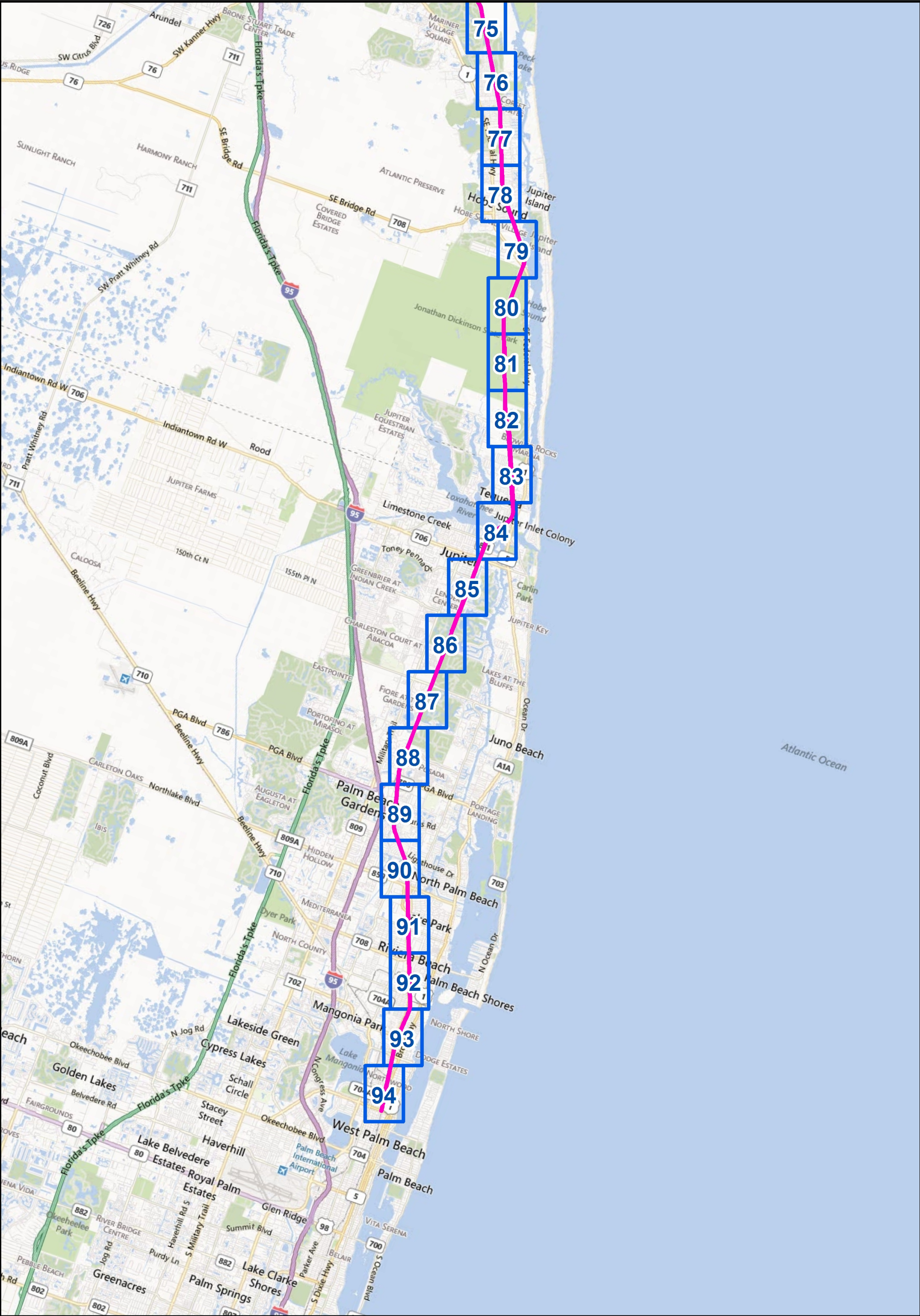


-  North-South FEC ROW
-  Mapping Frames

Cultural Resources within the FEC ROW
and Significant Historic Resources Adjacent
to the FEC ROW within a Minimum of 150 feet

Overview Map 3 of 4

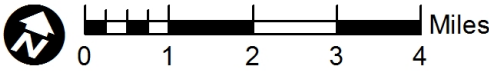




-  North-South FEC ROW
-  Mapping Frames

Cultural Resources within the FEC ROW
and Significant Historic Resources Adjacent
to the FEC ROW within a Minimum of 150 feet

Overview Map 4 of 4





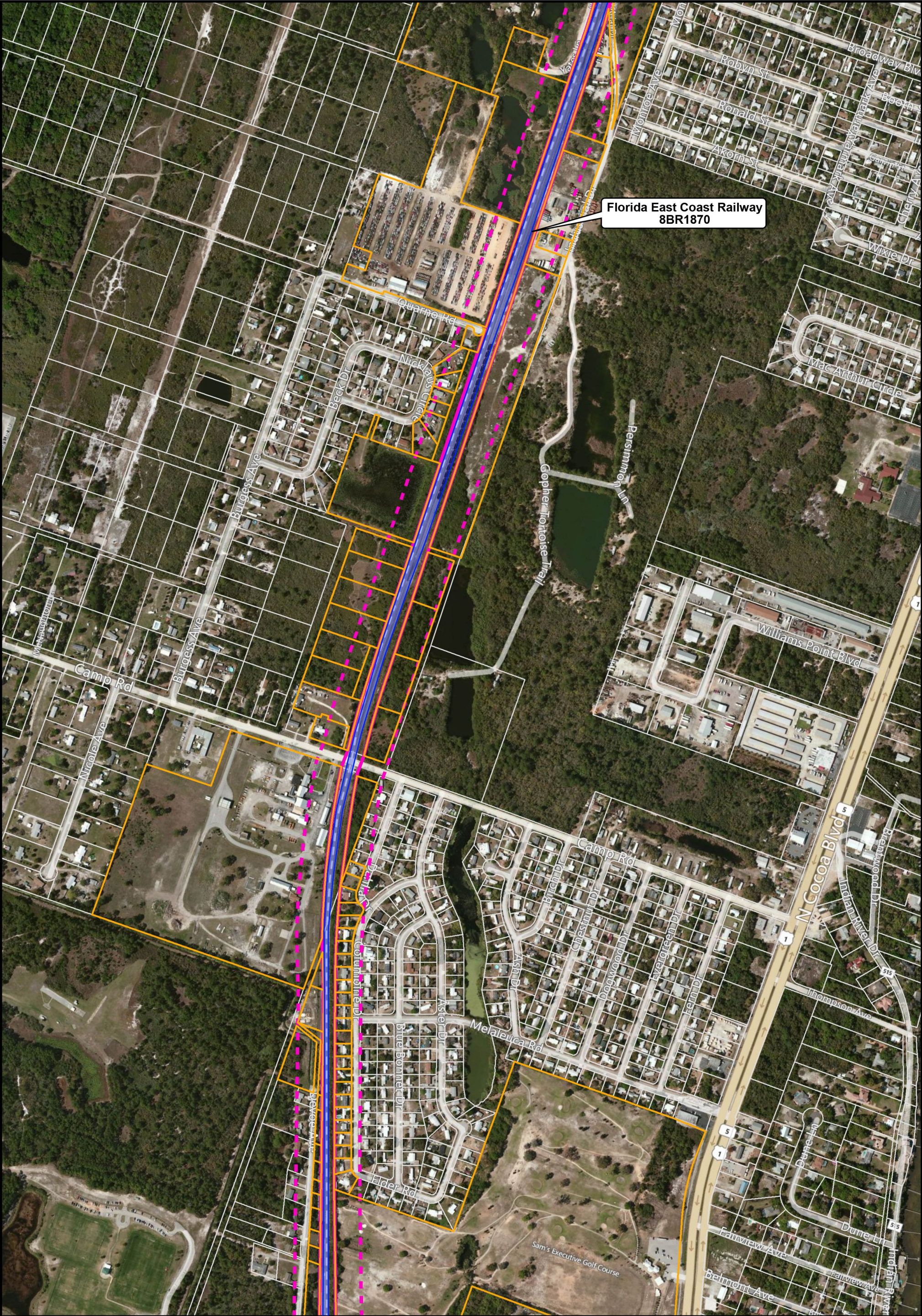
FEC ROW	Historic Station/Rail Related Resource	Historic Linear Resource
150-Foot Buffer	Historic Building	Historic Cemetery
Adjacent Parcel	Historic Bridge	Archaeological Site
Crossing Adjacent to Significant or Considered Significant District	Historic District/Resource Group	Archaeological Zone

Note: The archaeological and historic APE are limited to the existing FEC ROW. Significant historic resources adjacent to the FEC ROW within a minimum of 150 feet were also identified through background research and reconnaissance survey.

Cultural Resources within the FEC ROW and Significant Historic Resources Adjacent to the FEC ROW within a Minimum of 150 feet

Brevard County

Map 1



Florida East Coast Railway
8BR1870

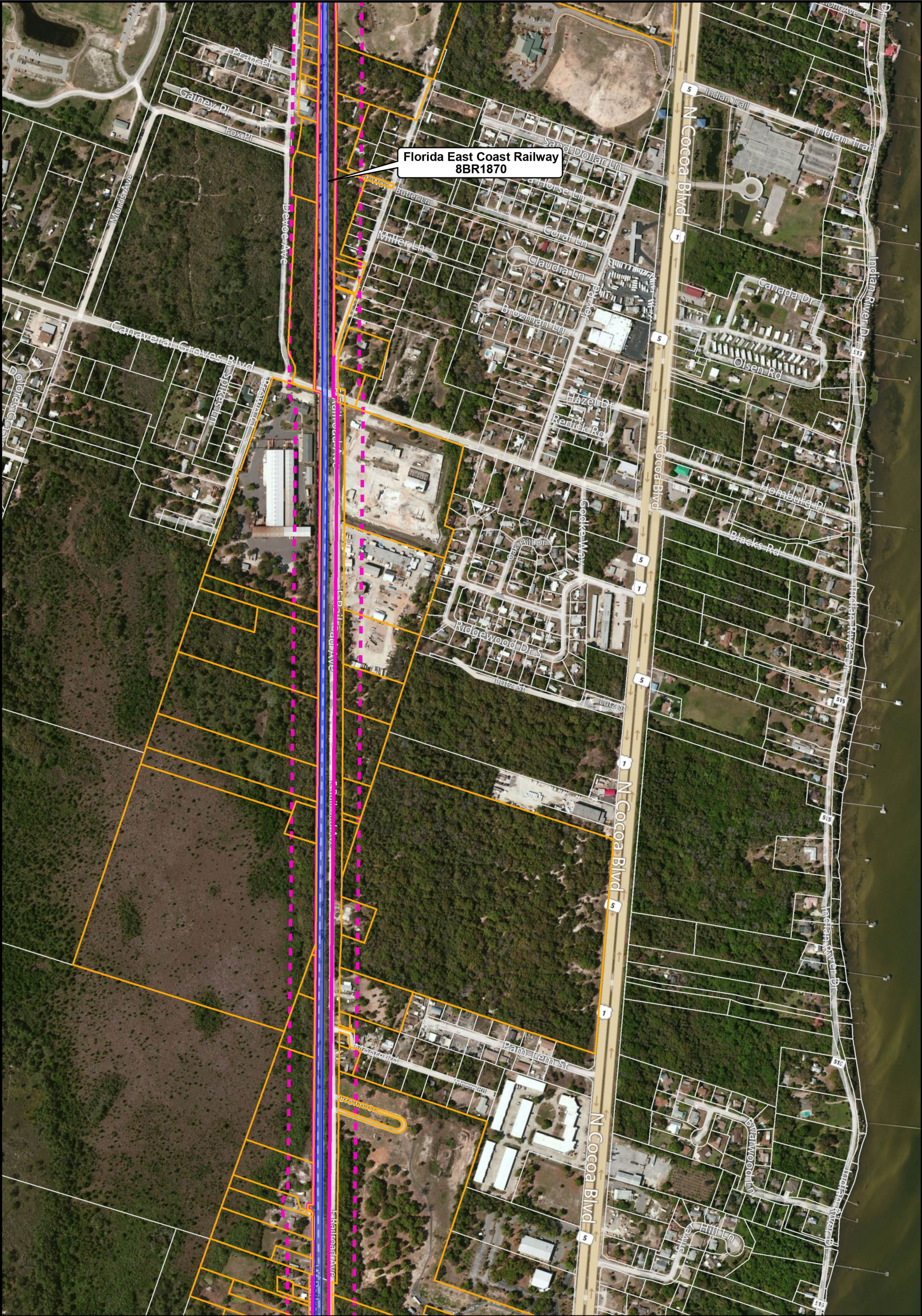
FEC ROW	Historic Station/Rail Related Resource	Historic Linear Resource
150-Foot Buffer	Historic Building	Historic Cemetery
Adjacent Parcel	Historic Bridge	Archaeological Site
Crossing Adjacent to Significant or Considered Significant District	Historic District/Resource Group	Archaeological Zone

Note: The archaeological and historic APE are limited to the existing FEC ROW. Significant historic resources adjacent to the FEC ROW within a minimum of 150 feet were also identified through background research and reconnaissance survey.

Cultural Resources within the FEC ROW and Significant Historic Resources Adjacent to the FEC ROW within a Minimum of 150 feet

Brevard County

Map 2



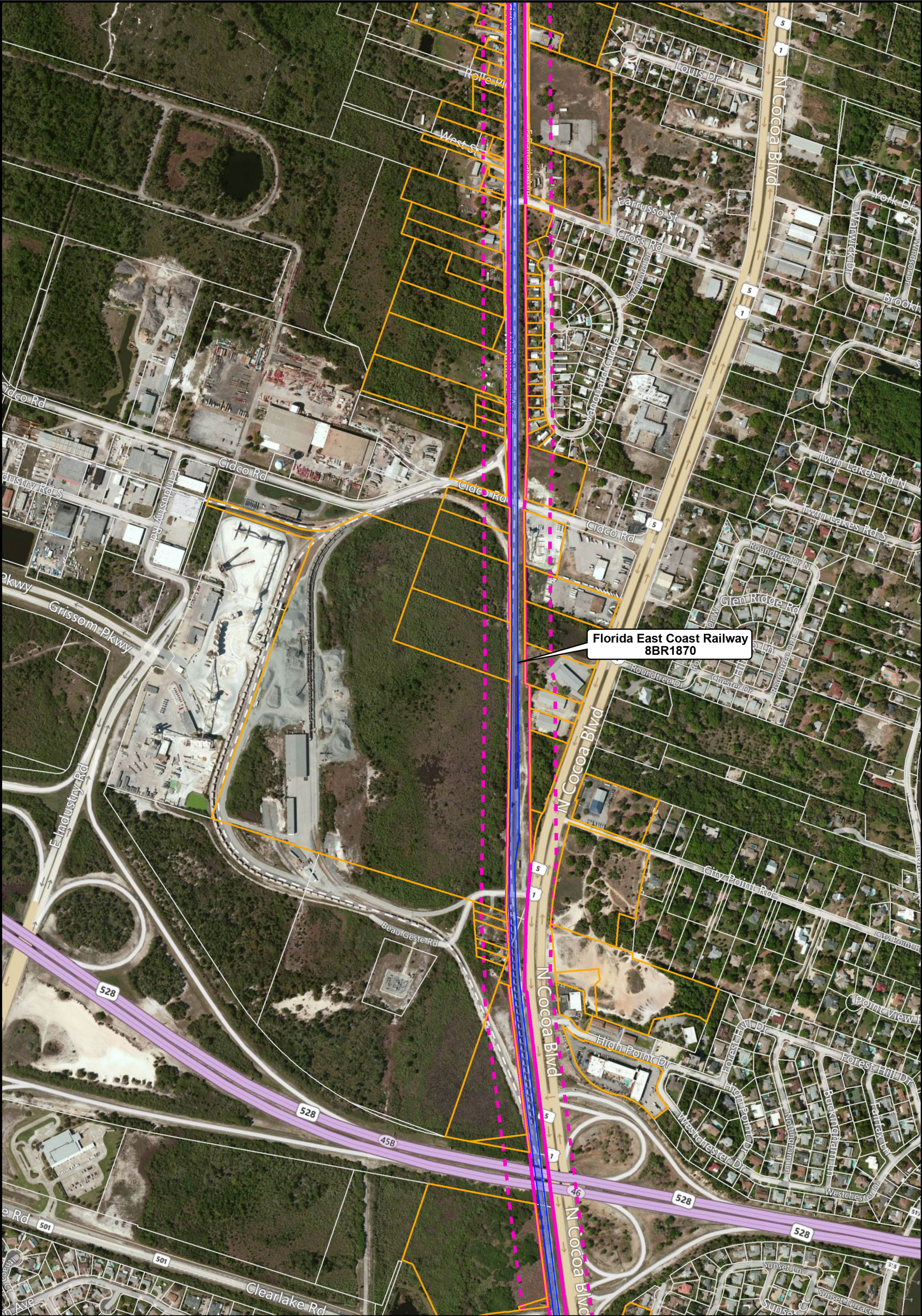
FEC ROW	Historic Station/Rail Related Resource	Historic Linear Resource
150-Foot Buffer	Historic Building	Historic Cemetery
Adjacent Parcel	Historic Bridge	Archaeological Site
Crossing Adjacent to Significant or Considered Significant District	Historic District/Resource Group	Archaeological Zone

Note: The archaeological and historic APE are limited to the existing FEC ROW. Significant historic resources adjacent to the FEC ROW within a minimum of 150 feet were also identified through background research and reconnaissance survey.

Cultural Resources within the FEC ROW and Significant Historic Resources Adjacent to the FEC ROW within a Minimum of 150 feet

Brevard County

Map 3



FEC ROW	Historic Station/Rail Related Resource	Historic Linear Resource
150-Foot Buffer	Historic Building	Historic Cemetery
Adjacent Parcel	Historic Bridge	Archaeological Site
Crossing Adjacent to Significant or Considered Significant District	Historic District/Resource Group	Archaeological Zone

Note: The archaeological and historic APE are limited to the existing FEC ROW. Significant historic resources adjacent to the FEC ROW within a minimum of 150 feet were also identified through background research and reconnaissance survey.

Cultural Resources within the FEC ROW and Significant Historic Resources Adjacent to the FEC ROW within a Minimum of 150 feet

Brevard County

Map 4



FEC ROW	Historic Station/Rail Related Resource	Historic Linear Resource
150-Foot Buffer	Historic Building	Historic Cemetery
Adjacent Parcel	Historic Bridge	Archaeological Site
Crossing Adjacent to Significant or Considered Significant District	Historic District/Resource Group	Archaeological Zone

Note: The archaeological and historic APE are limited to the existing FEC ROW. Significant historic resources adjacent to the FEC ROW within a minimum of 150 feet were also identified through background research and reconnaissance survey.

Cultural Resources within the FEC ROW and Significant Historic Resources Adjacent to the FEC ROW within a Minimum of 150 feet

Brevard County

Map 5



Florida East Coast Railway
8BR1870

Bohn Equipment Company
255 Olive Street
(8BR1765)

Hilltop Cemetery
(8BR1724)

- | | | |
|---|--|--------------------------|
| FEC ROW | Historic Station/Rail Related Resource | Historic Linear Resource |
| 150-Foot Buffer | Historic Building | Historic Cemetery |
| Adjacent Parcel | Historic Bridge | Archaeological Site |
| Crossing Adjacent to Significant or Considered Significant District | Historic District/Resource Group | Archaeological Zone |

Note: The archaeological and historic APE are limited to the existing FEC ROW. Significant historic resources adjacent to the FEC ROW within a minimum of 150 feet were also identified through background research and reconnaissance survey.

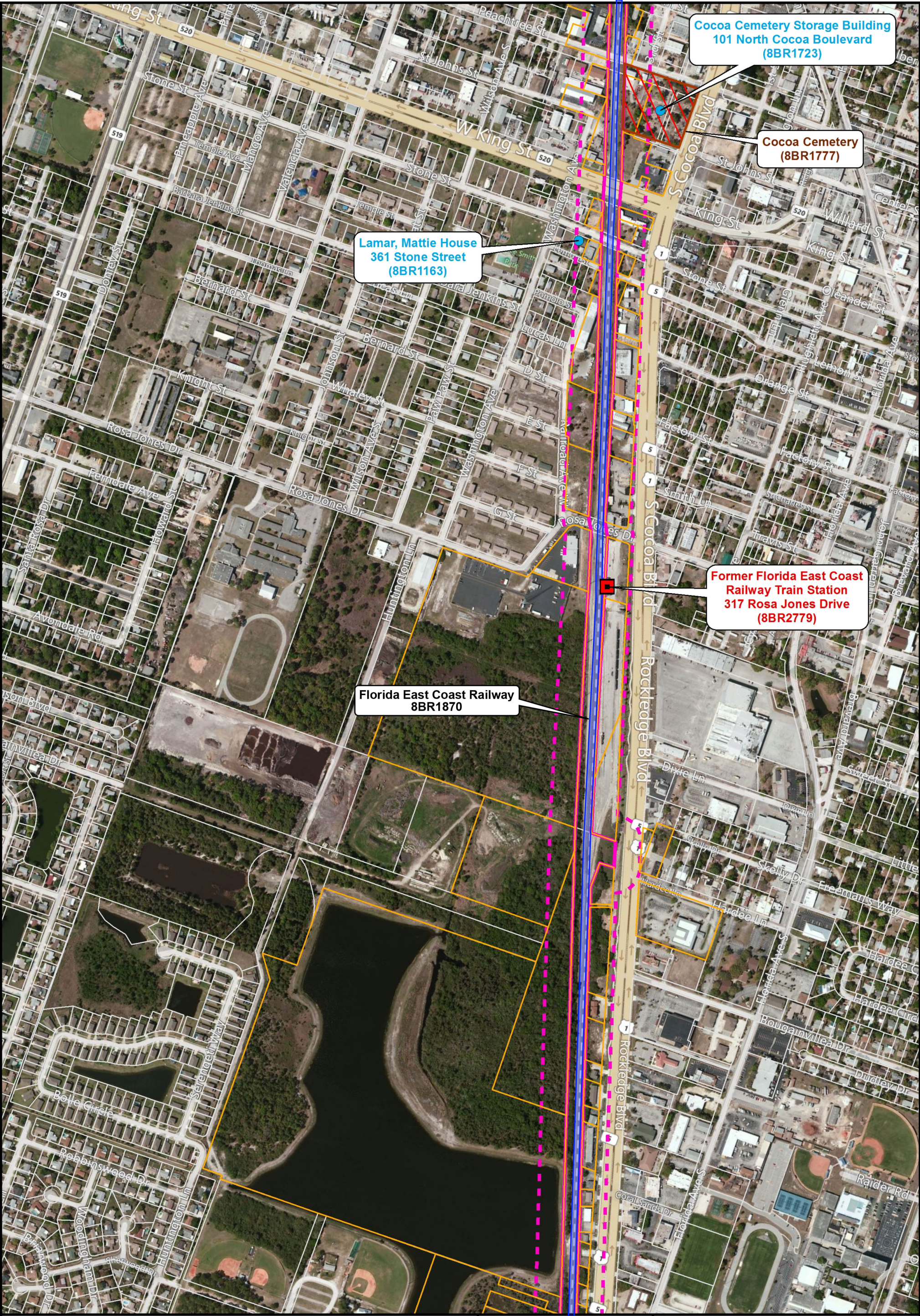
Cultural Resources within the FEC ROW and Significant Historic Resources Adjacent to the FEC ROW within a Minimum of 150 feet

Brevard County



0 300 600 Feet

Map 6



FEC ROW	Historic Station/Rail Related Resource	Historic Linear Resource
150-Foot Buffer	Historic Building	Historic Cemetery
Adjacent Parcel	Historic Bridge	Archaeological Site
Crossing Adjacent to Significant or Considered Significant District	Historic District/Resource Group	Archaeological Zone

Note: The archaeological and historic APE are limited to the existing FEC ROW. Significant historic resources adjacent to the FEC ROW within a minimum of 150 feet were also identified through background research and reconnaissance survey.

Cultural Resources within the FEC ROW and Significant Historic Resources Adjacent to the FEC ROW within a Minimum of 150 feet

Brevard County

0 300 600 Feet

Map 7



FEC ROW	Historic Station/Rail Related Resource	Historic Linear Resource
150-Foot Buffer	Historic Building	Historic Cemetery
Adjacent Parcel	Historic Bridge	Archaeological Site
Crossing Adjacent to Significant or Considered Significant District	Historic District/Resource Group	Archaeological Zone

Note: The archaeological and historic APE are limited to the existing FEC ROW. Significant historic resources adjacent to the FEC ROW within a minimum of 150 feet were also identified through background research and reconnaissance survey.

Cultural Resources within the FEC ROW and Significant Historic Resources Adjacent to the FEC ROW within a Minimum of 150 feet

Brevard County

Map 8